

24 Core Circular Copper, PVC, PVC, SWA + ECC, FRPVC / LHFRPVC

Application:

For use in power circuits of 600/1 000V earthed systems. Installed in cable trays, ducts and underground.

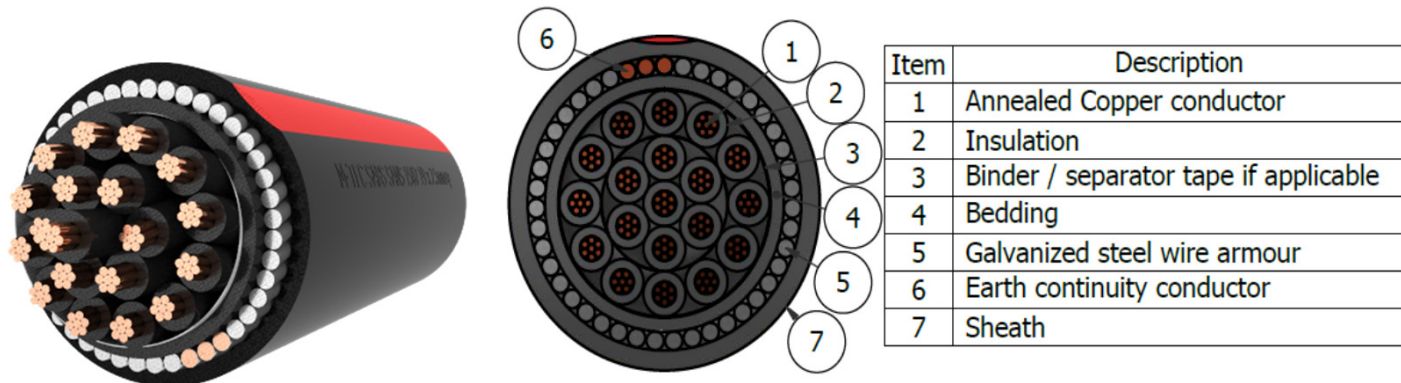
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

Construction:

24 Core, Copper stranded circular conductor, PVC Insulated, PVC bedding, steel wire armour + earth continuity conductor, flame retardant PVC / Low halogen flame retardant PVC Sheath.

SIZE CODE				LVCP 24x(conductor size)FRE / LHE 1kV															
Conductor size	Conductor diameter	Insulation diameter	Bedding diameter	Armour diameter	Cable diameter	Cable mass	Cable gross mass	Bending radius	Current rating (estimate of maximum)			Reactance	Resistance		Impedance	Capacitance	Short circuit ratings		Single phase volt drop
									air	ground	ducts		Ω/km	dc @ 20°C			ac @ 70°C	Ω /km	
mm ² Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	mm Nom.	kg/m Nom.	kg/500m Nom.	mm min.	air	ground	ducts	Ω/km	dc @ 20°C	ac @ 70°C	Ω /km	μF/km	kA (1sec)		mV/A/m
1.5	1.55	3.19	21.6	24.8	28.3	1.58	1 016	283	10	11	9	0.109	12.100	14.478	14.478	0.308	0.193	5.229	28.96



Revision: R00 19/01/2022

Note: Drawing for illustration purposes



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